



**UNIVERSITY OF CALCUTTA**  
OFFICE OF THE UNIVERSITY ENGINEER  
87/1 College Street  
Darbhanga Building, Ground Floor  
Kolkata-700073  
Website :-www.caluniv.ac.in

**NOTICE INVITING TENDER**

University of Calcutta invites **sealed** tender from resourceful and bonafide contractors for the following work:

1.	<b>N.I.T. No</b>	:	<b>Eng /ET-114/22-23</b>	<b>Dated. 13.05.2022</b>
2.	<b>Name of Work</b>	:	Estimate for fresh wiring with S & F of new LED Tube sets , Ceiling fans and Other related electrical work appropriate with "Seminar Room", 1 <sup>st</sup> . Floor, 'A'-Block, Dept. of South & South East Asian Studies, at C.U Alipore Campus. Kolkata-700027.	
3.	<b>Estimated Cost put to Tender</b>	:-	Rs.91,933 /- - (Including G.S.T)	
4.	<b>Earnest Money Deposit(EMD)</b>	:-	A sum of <b>Rs.1850/-</b> in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills. <b>EMD is not exempted in any case.</b>	
5.	<b>Bid validity period</b>	:	60(sixty) days after opening of the tender.	
6.	<b>Time of completion</b>	:-	15 Days	
7.	<b>Eligibility Criteria and Documents to be submitted along with Application.</b>	:-	Valid trade License , GST & PAN and credential for satisfactory completion of similar nature of job amounting 75 % of the estimated value in a single tender in the last three financial years in Government /Government Undertaking or University of Calcutta. Original documents may be asked for verification of technical checking on the date of issuing tender paper. Failing to produce original documents, the tender will be rejected. The participant bidder must submit the following documents in sealed envelope in the tender box kept at the Office of the Engineer at the Ground Floor of the Darbhanga Building, University of Calcutta, 87/1, College Street, Kolkata – 700073 within the last date of submission of the tender. 1. NIT documents duly filled and signed by the intending bidder. 2. Bank Draft for EMD in favour of the University of Calcutta. 3. Self-attested copy of Valid trade License, GST & Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years. <b>Application through postal service or courier service is not accepted</b>	
8.	<b>Last Date of receipt of application for tender</b>	:	On 18.05.2022 from 11 am to 4 pm (Must contain above mentioned. Documents. The application duly signed by Engineer CU should be enclosed with tender documents.	
9.	<b>Issue of tender papers</b>	:-	(TO BE DOWNLOADED FROM WEBSITE .(www. caluniv.ac.in)	
10.	<b>Date and Time of tender Submission</b>	:	Dully filled and signed tender/quotation to be submitted on 23/ 05/ 2022 from 11 am to 2.00 PM in to the Tender Box kept in the Office of the University Engineer	
11.	<b>Date and Time of Tender Opening</b>	:-	At or after 3.00 PM 23/ 05/ 2022 at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.	

**N.B:**  
(i) N.I.T /NIQ no ,Name of work, name of the bidder and the date of opening tender/quotation should be written on the sealed envelope, failing which the tender/quotation will not be opened and thus cancelled.  
(ii)The undersigned reserves the right to reject any or all Tenders/quotations without assigning any reason what so ever.

UNIVERSITY ENGINEER (C.U)



Name of the work:- Estimate for fresh wiring with S & F of new LED Tube sets , Ceiling fans and Other related electrical work appropriate with "Seminar Room" , 1<sup>st</sup>. Floor , 'A'-Block , Dept. of South & South East Asian Studies , at C.U Alipore Campus. Kolkata-700027.

N. I.T.no- Eng /ET-114/22-23

Dated. 13.05.2022

Estimated cost put into Tender : **Rs.91,933 /-** (Ninety One Thousand Nine Hundred Thirty Three ) only. (Including G.S.T)

Name of Agency:-

Address of Agency : -

Rate quoted by Agency:- ..... ( %) Percent Above / At par / Below

Signature of the Agency with date & stamp:-



# UNIVERSITY OF CALCUTTA

N. I.T no- Eng /ET-114/22-23

Dated. 13.05.2022

## TENDER AND CONTRACT FOR WORK

### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year in sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NIT. which will be opened by the undersigned or by his representative with in the specified time and date mentioned in the NIT. The tendered must write the name of the work , NIT no , the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc as well as the Water, Electricity charges which are to be paid as per rules .
3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
4. **Time Extension:** The allotted time for completion of the work is as specified in the NIT from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.



5. Liquidated damage will be charged to the contractor, if they fail to complete the work within the stipulated time as per contract @ 0.01 % per day to a maximum limit of 10 % of the contract value .

**6. Earnest Money Deposit :** Earnest Money Deposit (EMD), also known as Bid Security, may be obtained from the bidders. The bidders are required to furnish Earnest Money Deposit (EMD) along with their bids. Amount of Earnest Money Deposit (EMD) should be five per cent of the estimated value of the goods to be purchased or work to be done. The Earnest Money Deposit (EMD) may be accepted in the form of Account Payee Demand Draft, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Nationalised Banks, safeguarding the purchaser's interest in all respects. The Earnest Money Deposit (EMD) shall remain valid for a period of sixty days beyond the final tender validity period. The Bid Validity Period may be extended if required.

**7. Refund of Earnest Money Deposit (EMD):** Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after receipt of performance security from him as stipulated in the contract.

**8. Forfeiture of Earnest Money Deposit (EMD):** Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.

**9. Performance Security:** To ensure due performance of the contract, performance security is to be obtained from the successful bidder awarded the contract except those who are registered with National Small Industries Corporation (NSIC). Performance Security should be of an amount of ten per cent of the value of the contract. Performance Security should be furnished in the form of an Account Payee Demand Draft, or Bank Guarantee from a Nationalised Bank in an acceptable form safeguarding the purchaser's interest in all respects. Performance Security is to be furnished within twenty one days after notification of the award of contract and it should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.

**10. Refund of Performance Security:** Performance Security should be refunded to the supplier without any interest, whatsoever, after he duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.

**11. Forfeiture of Performance Security:** Performance security is to be forfeited and credited to University of Calcutta in the event of a breach of contract by the tenderers, in terms of the relevant contract.

**12. Verification of the Bank Guarantees:** Bank Guarantees submitted by the tenderers as Earnest Money Deposit (EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.



13.If the successful contractor’s bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.

14. **Security Deposit:** The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as Security Deposit which will be released after a period of six months from the date of completion of the work on application.

15. **EMD and Performance security should be paid infavour of UNIVERSITYOF CALCUTTA payable at Kolkata .EMD must be attached with the tender in sealed envelope, failing which the tender will be treated as cancelled.**

16. EMD Amount:-Rs

D.D No..... Dated / /20

Name of Issuing Bank:--

Branch :-

17. Work is to be carried out as per specification laid in the B.O.Q or PWD specification as per instruction of the University Engineer or his representative.

18.The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.

19. The rates must be quoted in words and in figure, otherwise the tender will be cancelled.

20. The University will not be bound to accept the lowest bidder.

21. The University will not supply any materials to the contractor.



22. The contractor will work under the strict supervision of the Engineer/ Sub-Assistant Engineer. The estimate given along with the tender are provisional payment will be made on the actual work done jointly measured by the Engineer or his representative ( Sub-Assistant Engineer)& the contractor or his representative. The contractor will have to submit bill in printed format in duplicate .

23. The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.

24. Defect & Liability Period :-The defect & liability period will be for a period of 6(six) months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at his/her own cost, failing which the retention money will be forfeited.

**25. After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD /Performance security amount of the said tenderer will be forfeited and no claim will be entertained.**

Sd/-

University Engineer

Name of the Agency:

Address :-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:

Estimate for fresh wiring with S & Fixing of new LED Tube sets, Ceiling Fans and other related electrical work appropriate with "Seminar Room" , 1st. Floor - 'A' Block , Department of South & Southeast Asian Studies , Alipore Campus , Kolkata - 700027

SL.no	Description of Items	Unit	Qty	Rate	Amount
1	<p>Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated &amp; unsheathed copper wire (Brand approved by EIC) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated &amp; unsheathed copper wire for ECC, incl. necy. fittings etc. to light/fan/call bell point with <b>Modular type switch</b> (Crabtree / Standard) fixed on Modular GI / PVC switch board with top cover plate on wall incl. mending good damages to original finish. [PVC casing</p>				

	<p>capping and Switch board both on surface]</p> <p>Average run 9 mtr (PWD Schedule'17--Page E-21 ,ltm No - 1/d )</p>	Point	23	952	21896
2	<p>Circuit wiring in 1.1 KV single core stranded 'FR' PVC Insulated &amp; unsheathed copper wire (Finolex /Havells] in 20mm size PVC rigid conduit 'FR' (Precision Make) Incl. necessary fittings as required.</p> <p>2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC [P-E-14/1-ii]</p>	RM	139	119	16541
3	<p>Distribution Wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated &amp; unsheathed copper wire (Brand approved by EIC) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated &amp; unsheathed copper wire for ECC, incl. necy. fittings etc. with S &amp; F <b>6A 5 pin</b> <b>Modular type</b> plug socket and switch (Crabtree / Havells ) fixed on 4 Module GI / PVC switch board with 3/4 Module</p>				



top cover plate on wall incl. necy. connection making earthing attachment, painting and mending good damages to building works [PVC casing-capping and plug box both on Surface ]	Poin t	2	216	432
On Board Average run 6 Mtr. [PWD Schedule'17--PageE-22, Itm No-1/a & e]	Poin t	4	807	3228

SL.no	Description of Items	Unit	Qty	Rate	Amount
4	Supply of suspended Surface mounted LED (TMC501).Make -Philips Type - TMC 501 P 2XT-LED , mounting rail for TLED Lamps	Nos.	6	600	3600
4/a	Supply & installation of Master LED Tube 1200 mm 20W / Make - Philips for above fittings.	Nos.	12	400	4800
4/c	( Fixing New Supply , Existing Tube Set in the Corridor ... ) Fixing only single/twin fluorescent light fitting suspended 25 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on				

	<p>ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&amp;F EI conduit, "L" type (125mmx125mm) 6mm thick and 25mm with <b>MS clamps</b> and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length</p> <p>[PWD Schedule'17--Page C-2, Itm No-17]</p>	Nos.	27	199	5373
5	<p>Supply of new Ceiling Fan (Make - Orient/Havells )</p> <p>(Sweep - 1200 mm // Colour - Brown )</p>	Nos	2	2300	4600
5/a	<p>Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&amp;F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire.</p> <p>(Page-C-3 / Item No - 21/a )</p>	Eh	2	66	132
5/b	Supply & Fixing 240V, Modular Switch / Socket				

	<p>type fan regulator (Step type) (Crabtree ) on existing Modular GI switch board with top cover plate incl. making necy. connections etc. (Page-E-18 / Item No - 10 )</p>	Nos	6	387	2322
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5/c	<p>Lowering and refixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. making necessary checking, replace split pin, rubber bush ( if required) neatly clean all blades &amp; Fan body , refixing it on its original place with proper safety. ( PWD Sch'2017 -- Page No - C-3 , Item No - 22 )</p>	Eh	4	35	140
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6	<p>Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall &amp; mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link &amp;</p>				
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	<p>provision for earthing attachment( linstall in the beside of Entrance door ) 4 - Way ; Make -- Legrand ; Enclosure (607715) ( PWD SOR'2017 -- Page No - D-10 , Item No - 14 )</p>	Eh	1	285 1	2851
6/a	<p>Supplying and fixing 240/415 V MCB of Breaking capacity 10kA &amp; C characteristics on din rail of existing DBs and necessary connection All <b>Legrand</b> Make // For TPN MCB D.B i) 63 A -- 4 Pole Isolator as Incommer ii)32A -- SP MCB as Outgoing ( For LDB ... ) iii)20 A -- SP MCB as Outgoing ( A.C Machines) iv)6-10A -- SP MCB as Outgoing ( PWD SOR'2017 -- Page No - D-5 &amp; 6 , Item No - 6 &amp; 7 )</p>	Nos	1	845 190 190 190	845 570 570 1140
7	<p>[ Separate LDB exclusively for Seminar Room ] ( Lights,Fans , Plug points to be connected in the LDB ) Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall &amp; mending good the damages to original finish incl. Inter connection with suitable</p>				

	size of copper wire and neutral link & provision for earthing attachment.				
	<b>Legrand -- 2+4 Way</b> enclosure ( 607710) ( PWD Sch'2017 -- Page No - D-9 , Item No - 13 )	Eh	1	1186	1186
7/(i)	40 Amp. D.P Isolator as Incommer (Make- Legrand)	Eh	1	349	349
7/(ii)	10Amp. SP MCB as outgoing (Make - Legrand ) (PWD Sch'2017 --Page No - D-5-Itm No-6 and Page D-6 ,Itm No -7)	Eh	4	190	760

SL.no	Description of Items	Unit	Qty	Rate	Amount
8	( Special Plug Board for Lap top and other purposes if any ) Supply & Fixing 240 V, 3 nos. 16 A, 3 pin Modular type plug socket with 3 nos. 16A Modular type switch (Brand - Crabtree) 20A Modular switch type SP MCB (C-Curve) and Indicator without plug top on 12 Module GI Modular type switch board with 12 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth	Eh	1	145	1458

	continuity wire etc ( PWD Sch'2017 -- Page No - E-19 , Item No - 14 )			8	
9	Connection between newly installed TPN & LDB With 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire ( Make- Finolex /Havells ) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required 2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (PWD Schedule'17--Page E-14 ,itm No - 1/a-iv ) ( All existing outgoing to be properly connect in the new TPN )	RM	21	193	4053
10	( For properly dressing of Projector Cables in the Seminar Room ) Supplying and fixing PVC casing-capping [Precision Make] on wall or ceiling, incl. necy. PVC fittings etc. and mending good damages to building works (i) 20x10mm Size RM (ii) 25x10mm Size RM	RM RM	19 13	32 35	608 455

77909

GST - 'B' @18%

14023.6

91932.6

Total tentative cost including GST Rs. 91,933/= Only.

